

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-075148

(43)Date of publication of application : 29.03.1991

(51)Int.Cl.

B41F 15/08

(21)Application number : 01-210663

(71)Applicant : MITSUBISHI ELECTRIC CORP

(22)Date of filing : 17.08.1989

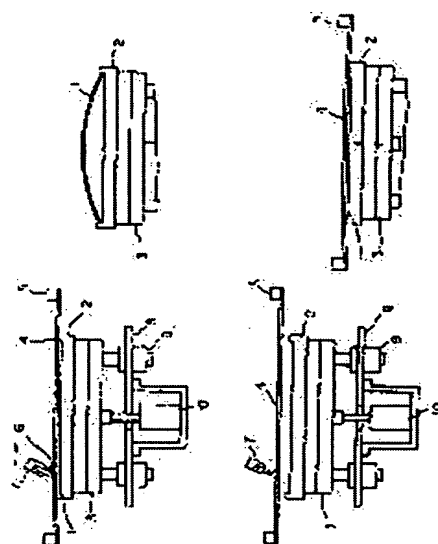
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## (54) SCREEN PRINTING METHOD

### (57)Abstract:

**PURPOSE:** To conduct proper printing even to a material to be printed, which is deformed, by pushing the printing mask of a metal stuck to a plate frame against the material to be printed by high tension, removing the deformation of the material to be printed and performing squeezing at fixed pressure.

**CONSTITUTION:** A material to be printed 1, which is deformed, is set onto a positioning table 2, and positioned with a printing mask 4 in the horizontal direction by operating an X-Y table 3. A direct-acting actuator 10 is worked, and the material to be printed 1 is pushed against the printing mask 4. The material to be printed 1 is lifted up to a location slightly upper than the initial position of the printing mask 4 at that time, and tension is set at a value higher than normalcy. Consequently, the deformation of the material 1 to be printed is removed by the printing mask 4 of a metal. A printing agent 6 such as ink or paste on the printing mask 4 is squeezed by a squeegee 7 while downward applying specified printing pressure, and the printing agent 6 is dislocated to the material to be printed 1. Accordingly, proper fine printing is attained.



## LEGAL STATUS

[Date of request for examination]

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